	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
1	BRS	2515	substrat$2 same align$5 same marks	USPAT; US-PGPUB	2003/08/25 16:38			0
2	BRS	3819	(photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same align$5 same marks	USPAT; US-PGPUB	2003/08/25 16:44			0
3	BRS	4442	ferrul$2 same fiber$1	USPAT; US-PGPUB	2003/08/25 16:43			0
4	BRS	1945	(photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same ferrule$1	USPAT; US-PGPUB	2003/08/25 16:45			0
5	BRS	11	(substrat$2 same align$5 same marks) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same align$5 same marks) and (ferrul$2 same fiber$1) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same ferrule$1)	USPAT; US-PGPUB	2004/04/14 12:12			0
6	BRS	3848	ferrule$1 same align$5	USPAT; US-PGPUB	2003/08/25 16:46			0
7	BRS	9	((substrat$2 same align$5 same marks) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same align$5 same marks) and (ferrul$2 same fiber$1) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same ferrule$1)) and (ferrule$1 same align$5)	USPAT; US-PGPUB	2003/08/26 12:50			0
8	BRS	0	"3448432000" "344843/2000" "344843-2000"	JPO; DERWENT	2003/08/25 16:59			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
9	BRS	0	"3448432000" "344843/2000" ("344843" adj1 "2000")	JPO; DERWENT	2003/08/25 16:59			0
10	BRS	0	"3448432000" "344843/2000" ("3448432000")	JPO; DERWENT	2003/08/25 17:02			0
11	BRS	3	"11290130" "2000-251301"	JPO; DERWENT	2003/08/25 17:06			0
12	BRS	1	"11-290130" "2000-251301"	JPO; DERWENT	2003/08/25 17:13			0
13	BRS	3	"2000344843" "2000-344843"	JPO; DERWENT	2003/08/25 17:14			0
14	BRS	2	((substrat$2 same align$5 same marks) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same align$5 same marks) and (ferrul$2 same fiber$1) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same ferrule$1)) not (((substrat$2 same align$5 same marks) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same align$5 same marks) and (ferrul$2 same fiber$1) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1	USPAT; US-PGPUB	2003/08/25 17:24			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
15	BRS	0	(substrat$2 same align$5 same marks) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same align$5 same marks) and (ferrul$2 same fiber$1) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same ferrule$1)	EPO; JPO; DERWENT	2003/08/25 18:03			0
16	BRS	1	(substrat$2 same align$5 same mark$4) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same align$5 same mark$4) and (ferrul$2 same fiber$1) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same ferrule$1)	EPO; JPO; DERWENT	2003/08/25 18:09			0
17	BRS	15	(substrat$2 same align$5 same mark$4) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same align$5 same mark$4) and (ferrul$2 same fiber$1) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same ferrule$1)	USPAT; US-PGPUB	2003/08/25 18:21			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
18	BRS	9	((substrat$2 same align$5 same marks) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same align$5 same marks) and (ferrul$2 same fiber$1) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same ferrule$1)) and (ferrule$1 same align$5)	USPAT; US-PGPUB	2003/08/25 18:07			0
19	BRS	12	((substrat$2 same align$5 same mark$4) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same align$5 same mark$4) and (ferrul$2 same fiber$1) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same ferrule$1)) and (ferrule$1 same align$5)	USPAT; US-PGPUB	2003/08/26 13:11			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
20	BRS	3	(((substrat$2 same align$5 same mark$4) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same align$5 same mark$4) and (ferrul$2 same fiber$1) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same ferrule$1)) and (ferrule$1 same align$5)) not (((substrat$2 same align$5 same marks) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same align$5 same marks) and (ferrul$2 same fiber$1) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light	USPAT; US-PGPUB	2003/08/25 18:09			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
21	BRS	5	((substrat$2 same align$5 same mark$4) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same align$5 same mark$4) and (ferrul$2 same fiber$1) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same ferrule$1)) not (((substrat$2 same align$5 same mark$4) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same align$5 same mark$4) and (ferrul$2 same fiber$1) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1	USPAT; US-PGPUB	2003/08/25 18:18			0
22	BRS	0	1999wo-jp11290130.ap,prai.	EPO; JPO; DERWENT	2003/08/26 11:32			0
23	BRS	0	1999wo-jp290130.ap,prai.	EPO; JPO; DERWENT	2003/08/26 11:29			0
24	BRS	0	2000wo-jp251301.ap,prai.	EPO; JPO; DERWENT	2003/08/26 11:31			0
25	BRS	0	2000wo-jp251301.ap,prai,	EPO; JPO; DERWENT	2003/08/26 12:47			0
26	BRS	0	1999wo-jp11290130.ap,prai,	EPO; JPO; DERWENT	2003/08/26 11:30			0
27	BRS	0	jp251301.ap,prai.	EPO; JPO; DERWENT	2003/08/26 11:31			0
28	BRS	0	jp11290130.ap,prai.	EPO; JPO; DERWENT	2003/08/26 11:31			0
29	BRS	0	2000wo-jp11290130.ap,prai.	EPO; JPO; DERWENT	2003/08/26 11:37			0
30	BRS	45573	ishii.in.	EPO; JPO; DERWENT	2003/08/26 11:38			0
31	BRS	43428	ishii.in.	JPO; DERWENT	2003/08/26 11:38			0
32	BRS	2361	(optical adj1 module).ti.	JPO; DERWENT	2003/08/26 11:39			0
33	BRS	17	ishii.in. and ((optical adj1 module).ti.)	JPO; DERWENT	2003/08/26 11:39			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
34	BRS	5	(ishii.in. and ((optical adj1 module).ti.)) and nomura	JPO; DERWENT	2003/08/26 11:40			0
35	BRS	1	"20020047088"	USPAT; US-PGPUB	2003/08/26 12:09			0
36	BRS	6	("6217231" "6263137" "5764836" "6457877" "6406196" "6112002").pn.	USPAT; US-PGPUB	2003/08/26 12:10			0
37	BRS	7	"20020047088" (("6217231" "6263137" "5764836" "6457877" "6406196" "6112002").pn.)	USPAT; US-PGPUB	2003/08/26 12:10			0
38	BRS	2	("20020047088" (("6217231" "6263137" "5764836" "6457877" "6406196" "6112002").pn.)) and ((substrat$2 same align$5 same marks) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same align$5 same marks) and (ferrul$2 same fiber$1) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same ferrule$1)) and (ferrule$1 same align$5)	USPAT; US-PGPUB	2003/08/26 12:52			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
39	BRS	4	("20020047088" (("6217231" "6263137" "5764836" "6457877" "6406196" "6112002").pn.)) and ((substrat$2 same align$5 same mark$4) and ((photoactiv$5 imag$4 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same align$5 same mark$4) and (ferrul$2 same fiber$1) and ((photoactiv$5 photodetect$4 imag$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same ferrule$1)) and (ferrule$1 same align$5)	USPAT; US-PGPUB	2003/08/26 13:16			0
40	BRS	4	(("20020047088" (("6217231" "6263137" "5764836" "6457877" "6406196" "6112002").pn.)) and ((substrat$2 same align$5 same mark$4) and ((photoactiv$5 imag$4 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same align$5 same mark$4) and (ferrul$2 same fiber$1) and ((photoactiv$5 photodetect$4 imag$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same ferrule$1)) and (ferrule$1 same align$5)) and (substrat$2 same ferrule$1)	USPAT; US-PGPUB	2003/08/26 15:28			0
41	BRS	3	("6263137" "6217231" "5764836").pn.	USPAT; US-PGPUB	2003/08/26 13:19			0
42	BRS	4	"20020047088" (("6263137" "6217231" "5764836").pn.)	USPAT; US-PGPUB	2003/08/26 13:19			0

	Ty pe	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
43	BRS	4	("20020047088" (("6263137" "6217231" "5764836").pn.)) and (substrat$2 same ferrule$1)	USPAT; US-PGPUB	2003/08/26 15:22			0
44	BRS	4	("20020047088" (("6263137" "6217231" "5764836").pn.)) and (align$6 same ferrule same fiber$1)	USPAT; US-PGPUB	2003/08/26 15:26			0
45	BRS	3	("20020047088" (("6263137" "6217231" "5764836").pn.)) and (mark$1 same (substr$4 carr$4) same (ferrul$2 fiber$1))	USPAT; US-PGPUB	2003/08/26 15:29			0
46	BRS	2	(("20020047088" (("6263137" "6217231" "5764836").pn.)) and (align$6 same ferrule same fiber$1)) and pin$1	USPAT; US-PGPUB	2003/08/26 14:58			0
47	BRS	0	(("5768456" "6130979" "5574814" "6056448" "6203212" "6250820" "5611013" "5499311" "6137929").pn.) and (mark$4 same (substr$4 carr$4) same (ferrul$2 fiber$1))	USPAT; US-PGPUB	2003/08/26 15:07			0
48	BRS	0	((("5768456" "6130979" "5574814" "6056448" "6203212" "6250820" "5611013" "5499311" "6137929").pn.) and (mark$4 same (substr$4 carr$4) same (ferrul$2 fiber$1))) and (align$6 same ferrule same fiber$1)	USPAT; US-PGPUB	2003/08/26 15:08			0
49	BRS	1	(("5768456" "6130979" "5574814" "6056448" "6203212" "6250820" "5611013" "5499311" "6137929").pn.) and (align$6 same ferrule same fiber$1)	USPAT; US-PGPUB	2003/08/26 15:08			0
50	BRS	9	("5768456" "6130979" "5574814" "6056448" "6203212" "6250820" "5611013" "5499311" "6137929").pn.	USPAT; US-PGPUB	2003/08/26 15:10			0
51	BRS	5	("20020047088" (("6217231" "6263137" "5764836" "6457877" "6406196" "6112002").pn.)) and (mark$1 same (substr$4 carr$4) same (ferrul$2 fiber$1))	USPAT; US-PGPUB	2003/08/26 15:24			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
52	BRS	1	6130979.pn.	USPAT; US-PGPUB	2003/08/26 15:21			0
53	BRS	0	6130979.pn. and (substrat$2 same ferrule$1)	USPAT; US-PGPUB	2003/08/26 15:22			0
54	BRS	4	(("20020047088" (("6217231" "6263137" "5764836" "6457877" "6406196" "6112002").pn.)) and (mark$4 same (substr$4 carr$4) same (ferrul$2 fiber$1))) and (align$6 same ferrule same fiber$1)	USPAT; US-PGPUB	2003/08/26 15:26			0
55	BRS	6	(("20020047088" (("6217231" "6263137" "5764836" "6457877" "6406196" "6112002").pn.)) and (mark$4 same (substr$4 carr$4) same (ferrul$2 fiber$1))) and (substrat$2 same ferrule$1)	USPAT; US-PGPUB	2003/08/26 15:28			0
56	BRS	4	((("20020047088" (("6217231" "6263137" "5764836" "6457877" "6406196" "6112002").pn.)) and (mark$4 same (substr$4 carr$4) same (ferrul$2 fiber$1))) and (substrat$2 same ferrule$1)) and (mark$1 same (substr$4 carr$4) same (ferrul$2 fiber$1))	USPAT; US-PGPUB	2003/08/26 15:34			0
57	BRS	1	6217231.pn.	USPAT; US-PGPUB	2003/08/26 15:35			0
58	BRS	0	6217231.pn. and align$5 same ferrule$1 same (photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1)	USPAT; US-PGPUB	2004/01/27 17:19			0
59	BRS	1	6217231.pn. and (align$5 same (ferrule$1 fiber$1) same (photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1))	USPAT; US-PGPUB	2003/08/26 16:03			0
60	BRS	1	6217231.pn. and (align$5 same (ferrule$1 fiber$1))	USPAT; US-PGPUB	2003/08/26 16:11			0
61	BRS	1	6217231.pn. and (mark$4 near9 (substra$4 carri$4))	USPAT; US-PGPUB	2003/08/26 17:04			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
62	BRS	1	6217231.pn. and (mark$4 same (substrat$3 carri$3) same mark$4 same (fiber$1 ferrule$1))	USPAT; US-PGPUB	2003/08/26 17:50			0
63	BRS	1	6217231.pn. and (etch$4 photolithograph$4)	USPAT; US-PGPUB	2003/08/26 18:08			0
64	BRS	0	6217231.pn. and (film$3 same (transparent$4 clear ssubstrat$3))	USPAT; US-PGPUB	2003/08/26 18:09			0
65	BRS	1	6217231.pn. and (film$3 same (transparent$4 clear substrat$3))	USPAT; US-PGPUB	2003/08/26 18:10			0
66	BRS	7	("20020047088" (("6217231" "6263137" "5764836" "6457877" "6406196" "6112002").pn.)) and (mark$4 same (substr$4 carr$4) same (ferrul$2 fiber$1))	USPAT; US-PGPUB	2003/08/26 19:22			0
67	BRS	5	("6310995" "5889902" "5090790" "5282080" "5732179").pn.	USPAT; US-PGPUB	2003/08/27 11:12			0
68	BRS	4	(("6310995" "5889902" "5090790" "5282080" "5732179").pn.) and ((transverse same electric same magnetic same (modal gains)) (te same tm))	USPAT; US-PGPUB	2003/08/27 12:55			0
69	BRS	3	((("6310995" "5889902" "5090790" "5282080" "5732179").pn.) and ((transverse same electric same magnetic same (modal gains)) (te same tm))) and (quantum adj1 wells)	USPAT; US-PGPUB	2003/08/27 11:22			0
70	BRS	0	((("6310995" "5889902" "5090790" "5282080" "5732179").pn.) and ((transverse same electric same magnetic same (modal gains)) (te same tm))) and ((quantum adj1 wells) same compress$4 same (tens$3 strain$3))	USPAT; US-PGPUB	2003/08/27 12:54			0
71	BRS	2	("5889902" "6310995").pn.	USPAT; US-PGPUB	2003/08/27 12:54			0
72	BRS	0	(("5889902" "6310995").pn.) and ((quantum adj1 wells) same compress$4 same (tens$3 strain$3))	USPAT; US-PGPUB	2003/08/27 12:55			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
73	BRS	1	((("5889902" "6310995").pn.) and ((quantum adj1 wells) same (compress$4 tens$3 strain$3))) and ((transverse same electric same magnetic same (modal gains)) (te same tm))	USPAT; US-PGPUB	2003/08/27 12:56			0
74	BRS	2	(("5889902" "6310995").pn.) and ((quantum adj1 wells) same (compress$4 tens$3 strain$3))	USPAT; US-PGPUB	2003/08/27 14:23			0
75	BRS	5	(("6310995" "5889902" "5090790" "5282080" "5732179").pn.) (("5889902" "6310995").pn.)	USPAT; US-PGPUB	2003/08/27 14:23			0
76	BRS	5	((("6310995" "5889902" "5090790" "5282080" "5732179").pn.) (("5889902" "6310995").pn.)) ((("5889902" "6310995").pn.) and ((quantum adj1 wells) same (compress$4 tens$3 strain$3)))	USPAT; US-PGPUB	2003/08/27 14:23			0
77	BRS	0	(((("6310995" "5889902" "5090790" "5282080" "5732179").pn.) (("5889902" "6310995").pn.)) ((("5889902" "6310995").pn.) and ((quantum adj1 wells) same (compress$4 tens$3 strain$3)))) and circulat$5	USPAT; US-PGPUB	2003/08/27 14:24			0
78	BRS	1	6217231.pn.	USPAT; US-PGPUB	2004/01/27 17:19			0
79	BRS	14	(substrat$2 same align$5 same marks) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same align$5 same marks) and (ferrul$2 same fiber$1) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same ferrule$1)	USPAT; US-PGPUB	2004/04/14 12:12			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
80	BRS	0	(substrat$2 same align$5 same marks) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same align$5 same marks) and (ferrul$2 same fiber$1) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same ferrule$1)	EPO; JPO; DERWENT	2004/01/28 13:46			0
81	BRS	1	6217231.pn.	USPAT; US-PGPUB	2004/04/14 11:48			0
82	BRS	17	(substrat$2 same align$5 same marks) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same align$5 same marks) and (ferrul$2 same fiber$1) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same ferrule$1)	USPAT; US-PGPUB	2004/04/14 12:13			0
83	BRS	0	(substrat$2 same align$5 same marks) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same align$5 same marks) and (ferrul$2 same fiber$1) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same ferrule$1)	EPO; JPO; DERWENT	2004/04/14 12:13			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
84	BRS	17	(substrat$2 same align$5 same marks) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same align$5 same marks) and (ferrul$2 same fiber$1) and ((photoactiv$5 photodetect$4 photodiod$3 detect$4 (photo adj1 activ$5) led leds (light near1 source$1) photo adj1 (diode$2 detect$5) laser$1) same ferrule$1)	USPAT; US-PGPUB	2004/04/14 13:38			0
85	BRS	0	'10/722894'	USPAT; US-PGPUB	2004/04/14 13:39			0
86	BRS	1	'09/954130'	USPAT; US-PGPUB	2004/04/29 10:54			0
87	BRS	1	'09/954130' and (carrier$1 same (apertur$1 window$1 hole$1 opening$1 align$5)) and (pin$1 same (apertur$1 window$1 hole$1 opening$1 align$5 ferrul$2)) and (support$4 same substrat$2)	USPAT; US-PGPUB	2004/04/14 14:20			0
88	BRS	212333	(carrier$1 recepticl$2 substrat$2) same (apertur$1 window$1 hole$1 opening$1)	USPAT; US-PGPUB	2004/04/14 14:28			0
89	BRS	311474	(apertur$1 window$1 hole$1 opening$1 align$5) near7 align$5	USPAT; US-PGPUB	2004/04/14 14:25			0
90	BRS	503	(pin$1 near7 align$5) same ferrul$2	USPAT; US-PGPUB	2004/04/14 14:27			0
91	BRS	332	(pin$1 near7 align$5) same ferrul$2 same (waveguid$3 fiber$1)	USPAT; US-PGPUB	2004/04/14 14:27			0
92	BRS	90186	(support$3) same (apertur$1 window$1 hole$1 opening$1) same align$5	USPAT; US-PGPUB	2004/04/14 14:28			0
93	BRS	14	((carrier$1 recepticl$2 substrat$2) same (apertur$1 window$1 hole$1 opening$1)) and ((apertur$1 window$1 hole$1 opening$1 align$5) near7 align$5) and ((pin$1 near7 align$5) same ferrul$2 same (waveguid$3 fiber$1)) and ((support$3) same (apertur$1 window$1 hole$1 opening$1) same align$5)	USPAT; US-PGPUB	2004/04/19 18:38			0

	Ty pe	Hits	Search Text	DBs	Time Stamp	Co mm en ts	Er ro r De fi ni ti on	Er ro rs
94	BR S	0	((carrier$1 recepticl$2 substrat$2) same (apertur$1 window$1 hole$1 opening$1)) and ((apertur$1 window$1 hole$1 opening$1 align$5) near7 align$5) and ((pin$1 near7 align$5) same ferrul$2 same (waveguid$3 fiber$1)) and ((support$3) same (apertur$1 window$1 hole$1 opening$1) same align$5)	EPO; JPO; DERWENT	2004/04/14 16:05			0
95	BR S	3	("6641310" "6130979" "6085007").pn.	USPAT; US-PGPUB	2004/04/14 15:25			0
96	BR S	3	(("6641310" "6130979" "6085007").pn.) and silicon	USPAT; US-PGPUB	2004/04/14 15:25			0
97	BR S	622	385/89.ccls.	USPAT; US-PGPUB	2004/04/14 16:07			0
98	BR S	0	385/89.ccls. and ((carrier$1 recepticl$2 substrat$2) same (apertur$1 window$1 hole$1 opening$1)) and ((apertur$1 window$1 hole$1 opening$1 align$5) near7 align$5) and ((pin$1 near7 align$5) same ferrul$2 same (waveguid$3 fiber$1)) and ((support$3) same (apertur$1 window$1 hole$1 opening$1) same align$5)	EPO; JPO; DERWENT	2004/04/14 16:06			0
99	BR S	0	385/89.ccls. and ((carrier$1 recepticl$2 substrat$2) same (apertur$1 window$1 hole$1 opening$1)) and ((apertur$1 window$1 hole$1 opening$1 align$5) near7 align$5) and ((pin$1 near7 align$5) same ferrul$2 same (waveguid$3 fiber$1)) and ((support$3) same (apertur$1 window$1 hole$1 opening$1))	EPO; JPO; DERWENT	2004/04/14 16:08			0
100	BR S	29310	385/$.ccls.	USPAT; US-PGPUB	2004/04/14 16:07			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
101	BRS	0	385/$.ccls. and ((carrier$1 recepticl$2 substrat$2) same (apertur$1 window$1 hole$1 opening$1)) and ((apertur$1 window$1 hole$1 opening$1 align$5) near7 align$5) and ((pin$1 near7 align$5) same ferrul$2 same (waveguid$3 fiber$1)) and ((support$3) same (apertur$1 window$1 hole$1 opening$1))	EPO; JPO; DERWENT	2004/04/14 16:08			0
102	BRS	0	((carrier$1 recepticl$2 substrat$2) same (apertur$1 window$1 hole$1 opening$1)) and ((apertur$1 window$1 hole$1 opening$1) near7 align$5) and (pin$1 same align$5 same ferrul$2 same (waveguid$3 fiber$1)) and (support$3 same (apertur$1 window$1 hole$1 opening$1) same align$5)	EPO; JPO; DERWENT	2004/04/19 18:37			0
103	BRS	23	((carrier$1 recepticl$2 substrat$2) same (apertur$1 window$1 hole$1 opening$1)) and ((apertur$1 window$1 hole$1 opening$1) near7 align$5) and (pin$1 same align$5 same ferrul$2 same (waveguid$3 fiber$1)) and (support$3 same (apertur$1 window$1 hole$1 opening$1) same align$5)	USPAT; US-PGPUB	2004/04/28 09:47			0
104	BRS	14	((carrier$1 recepticl$2 substrat$2) same (apertur$1 window$1 hole$1 opening$1)) and ((apertur$1 window$1 hole$1 opening$1 align$5) near7 align$5) and ((pin$1 near7 align$5) same ferrul$2 same (waveguid$3 fiber$1)) and ((support$3) same (apertur$1 window$1 hole$1 opening$1) same align$5)	USPAT; US-PGPUB	2004/04/20 13:47			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
105	BRS	9	(((carrier$1 recepticl$2 substrat$2) same (apertur$1 window$1 hole$1 opening$1)) and ((apertur$1 window$1 hole$1 opening$1) near7 align$5) and (pin$1 same align$5 same ferrul$2 same (waveguid$3 fiber$1)) and (support$3 same (apertur$1 window$1 hole$1 opening$1) same align$5)) not (((carrier$1 recepticl$2 substrat$2) same (apertur$1 window$1 hole$1 opening$1)) and ((apertur$1 window$1 hole$1 opening$1 align$5) near7 align$5) and ((pin$1 near7 align$5) same ferrul$2 same (waveguid$3 fiber$1)) and ((support$3) same (apertur$1 window$1 hole$1 opening$1) same align$5))	USPAT; US-PGPUB	2004/04/20 10:55			0
106	BRS	1	5917976.pn. and ((carrier$1 recepticl$2 substrat$2) same (apertur$1 window$1 hole$1 opening$1))	USPAT; US-PGPUB	2004/04/20 10:56			0
107	BRS	1	5917976.pn. and ((apertur$1 window$1 hole$1 opening$1 align$5) near7 align$5)	USPAT; US-PGPUB	2004/04/20 12:17			0
108	BRS	0	5917976.pn. and ((pin$1 near7 align$5) same ferrul$2 same (waveguid$3 fiber$1))	USPAT; US-PGPUB	2004/04/20 12:19			0
109	BRS	1	5917976.pn. and (pin$1 same ferrul$2 same (waveguid$3 fiber$1))	USPAT; US-PGPUB	2004/04/20 14:32			0
110	BRS	14	((carrier$1 recepticl$2 substrat$2) same (apertur$1 window$1 hole$1 opening$1)) and ((apertur$1 window$1 hole$1 opening$1 align$5) near7 align$5) and ((pin$1 near7 align$5) same ferrul$2 same (waveguid$3 fiber$1)) and ((support$3) same (apertur$1 window$1 hole$1 opening$1) same align$5)	USPAT; US-PGPUB	2004/04/20 13:48			0
111	BRS	1	6641310.pn.	USPAT; US-PGPUB	2004/04/22 11:06			0
112	BRS	1	6641310.pn. and (pin$1 same ferrul$2 same (waveguid$3 fiber$1))	USPAT; US-PGPUB	2004/04/20 14:51			0
113	BRS	1	6641310.pn. and ((pin$1 align$6) same photolithog$6)	USPAT; US-PGPUB	2004/04/20 14:57			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
114	BRS	1	6641310.pn. and ((pin$1 align$6) same subst$5)	USPAT; US-PGPUB	2004/04/20 15:26			0
115	BRS	2	5917976.pn. 6641310.pn.	USPAT; US-PGPUB	2004/04/20 15:26			0
116	BRS	2	(5917976.pn. 6641310.pn.) and (film$3 coat$4 deposit$4 layer$1)	USPAT; US-PGPUB	2004/04/20 15:38			0
117	BRS	2	(5917976.pn. 6641310.pn.) and ((film$3 coat$4 deposit$4 layer$1 epox$4 material$1 compond$1) same (align$5 pin$1 hole$1 window$3 orif$6 orefi$6 mark$4))	USPAT; US-PGPUB	2004/04/20 15:41			0
118	BRS	1	'09/954130'	USPAT; US-PGPUB	2004/04/21 11:07			0
119	BRS	1	6453095.pn.	USPAT; US-PGPUB	2004/04/21 15:16			0
120	BRS	1	6641310.pn.	USPAT; US-PGPUB	2004/04/21 18:31			0
121	BRS	1	6641310.pn. and ((photo adj1 lithog$5) photolithogr$5)	USPAT; US-PGPUB	2004/04/21 18:33			0
122	BRS	1	6641310.pn. and (silic$5)	USPAT; US-PGPUB	2004/04/21 18:48			0
123	BRS	1	5917976.pn.	USPAT; US-PGPUB	2004/04/21 18:47			0
124	BRS	1	5917976.pn. and (silic$5)	USPAT; US-PGPUB	2004/04/21 18:48			0
125	BRS	1	6641310.pn. and (stand$4 same (deposit$4 layer$1 etch$4))	USPAT; US-PGPUB	2004/04/22 14:03			0
126	BRS	2	("6304687" "5940548").pn.	USPAT; US-PGPUB	2004/04/22 15:31			0
127	BRS	1	(5,546,483).pn.	USPAT; US-PGPUB	2004/04/22 15:27			0
128	BRS	1	((5,546,483).pn.) and ((materil$1 groov$4) same (confin$4 scap$4 loss$3 horizont$4 vertical direction$1 TM TE))	USPAT; US-PGPUB	2004/04/22 15:31			0
129	BRS	1	("6304687").pn.	USPAT; US-PGPUB	2004/04/22 15:31			0
130	BRS	1	(("6304687").pn.) and ((materil$1 groov$4) same (confin$4 scap$4 loss$3 horizont$4 vertical direction$1 TM TE))	USPAT; US-PGPUB	2004/04/22 15:41			0
131	BRS	1	(("6304687").pn.) and (groov$4 same (mateial resin loss$3)) and (confin$4 scap$4 horizont$4 vertical direction$1)	USPAT; US-PGPUB	2004/04/22 15:53			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
132	BRS	1	(("6304687").pn.) and (groov$4 same (mateial resin$1 loss$3)) and (parall$4 perpendicular confin$4 scap$4 horizont$4 vertical direction$1)	USPAT; US-PGPUB	2004/04/22 15:54			0
133	BRS	1	(("6304687").pn.) and (groov$4 same (mateial resin$1 loss$3)) and (parall$4 perpendicular$3 confin$4 scap$4 horizont$4 vertical direction$1)	USPAT; US-PGPUB	2004/04/22 15:58			0
134	BRS	1	((("6304687").pn.)) and (groov$4 same (mateial resin$1 loss$3)) and (parall$4 perpendicular$3 confin$4 scap$4 horizont$4 vertical direction$1)	USPAT; US-PGPUB	2004/04/22 16:12			0
135	BRS	1	((("6304687").pn.)) and (groov$4 same (material resin$1 loss$3)) and (parall$4 perpendicular$3 confin$4 scap$4 horizont$4 vertical direction$1)	USPAT; US-PGPUB	2004/04/22 19:25			0
136	BRS	1	(("6304687").pn.)	USPAT; US-PGPUB	2004/04/22 19:25			0
137	BRS	1	((("6304687").pn.)) and ((groov$4 slot$1 hole$1) same (quarz glass gel$5 material$1 resin$1) same (loss$3 gain$3 confin$3 scatter$4))	USPAT; US-PGPUB	2004/04/22 20:34			0
138	BRS	1	((("6304687").pn.)) and ((groov$4 slot$1 hole$1) same (quarz glass gel$5 material$1 resin$1) same (collimat$6 lens$2 beam$1 light path$1))	USPAT; US-PGPUB	2004/04/22 20:35			0
139	BRS	1	6641310.pn.	USPAT; US-PGPUB	2004/04/27 11:01			0
140	BRS	1	'09/954130' and ((transp$5 film) same photolithogr$5)	USPAT; US-PGPUB	2004/04/26 16:40			0
141	BRS	1	6641310.pn. and (dioxide sio$2 nitride sin$3, polysilicon polyim$4)	USPAT; US-PGPUB	2004/04/26 18:17			0
142	BRS	1	385/$.ccls. and (transp$5 near5 deposit$4 near7 photolithogr$5 near12 substrat$2)	USPAT; US-PGPUB	2004/04/26 16:42			0
143	BRS	65	transp$5 near5 deposit$4 near7 photolithogr$5 near12 substrat$2	USPAT; US-PGPUB	2004/04/26 16:46			0
144	BRS	30	(transp$5 near5 deposit$4 near7 photolithogr$5 near12 substrat$2) and align$5	USPAT; US-PGPUB	2004/04/26 16:43			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
145	BRS	3	((transp$5 near5 deposit$4 near7 photolithogr$5 near12 substrat$2) and align$5) and fiber$1	USPAT; US-PGPUB	2004/04/26 16:43			0
146	BRS	1	film near1 transp$5 near5 deposit$4 near7 photolithogr$5 near12 substrat$2	USPAT; US-PGPUB	2004/04/26 16:47			0
147	BRS	7	(film$1 coatin) near2 transp$5 near5 deposit$4 near7 photolithogr$5 near12 substrat$2	USPAT; US-PGPUB	2004/04/26 16:48			0
148	BRS	1	5917976.pn. and (dioxide sio$2 nitride sin$1 nitride polysilicon polyim$4)	USPAT; US-PGPUB	2004/04/26 18:28			0
149	BRS	1	5917976.pn.	USPAT; US-PGPUB	2004/04/27 11:01			0
150	BRS	1	6641310.pn.	USPAT; US-PGPUB	2004/04/29 14:18			0
151	BRS	2	5917976.pn. 6641310.pn.	USPAT; US-PGPUB	2004/04/28 15:14			0
152	BRS	0	(5917976.pn. 6641310.pn.) and (align$5 same (film$1 mark$3))	USPAT; US-PGPUB	2004/04/27 11:04			0
153	BRS	1	(5917976.pn. 6641310.pn.) and (film$1 mark$3)	USPAT; US-PGPUB	2004/04/27 12:42			0
154	BRS	1	(5917976.pn. 6641310.pn.) and (receiv$3 same si) and (align$5 mount$4)	USPAT; US-PGPUB	2004/04/27 12:53			0
155	BRS	1	(5917976.pn. 6641310.pn.) and (receiv$3 same si) and (align$5 mount$4 bump$3)	USPAT; US-PGPUB	2004/04/27 15:27			0
156	BRS	0	5917976.pn. and (pin near3 (photo diod$2 $5detector $5detectors))	USPAT; US-PGPUB	2004/04/27 15:28			0
157	BRS	0	5917976.pn. and ((sio$1 film$3 deposit$4) same photolithog$5)	USPAT; US-PGPUB	2004/04/27 16:37			0
158	BRS	0	5917976.pn. and ((sio$1 film$3 deposit$4) same photolithog$7)	USPAT; US-PGPUB	2004/04/27 16:37			0
159	BRS	0	5917976.pn. and ((sio$1 film$3 deposit$4 silicon$7) same photolithog$7)	USPAT; US-PGPUB	2004/04/27 16:38			0
160	BRS	1	5917976.pn. and ((sio$1 film$3 deposit$4 silicon$7 si) same photolithog$7)	USPAT; US-PGPUB	2004/04/27 18:18			0
161	BRS	1	5917976.pn. and ((sio$1 film$3 deposit$4 silicon$7 si) and photolithog$7)	USPAT; US-PGPUB	2004/04/27 18:04			0
162	BRS	1	5917976.pn. and (fiber$1 same ($5lens $5lenses) same (photodetec$5 detect$5 '16' '16a' receiv$4))	USPAT; US-PGPUB	2004/04/27 18:07			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
163	BRS	1	5917976.pn. and (fiber$1 same ($5lens $5lenses) same (photodetec$5 detect$5 '16' '16a' receiv$4) same align$6)	USPAT; US-PGPUB	2004/04/27 18:07			0
164	BRS	20	385/$.ccls. and (film$3 near9 deposit$4 near5 (substrate$1 silicon$ si) near12 photolithog$7)	USPAT; US-PGPUB	2004/04/27 18:24			0
165	BRS	0	385/$.ccls. and (film$3 near1 metal$4 near9 deposit$4 near7 (substrate$1 silicon$ si) near17 photolithog$17)	USPAT; US-PGPUB	2004/04/27 18:26			0
166	BRS	1	385/$.ccls. and (film$3 near6 metal$4 near9 deposit$4 near9 (substrate$1 silicon$ si) near17 photolithog$17)	USPAT; US-PGPUB	2004/04/28 10:55			0
167	BRS	77	((carrier$1 recepticl$2 substrat$2) same (apertur$1 window$1 hole$1 opening$1)) and ((apertur$1 window$1 hole$1 opening$1) near7 align$5) and (pin$1 same align$5 same ferrul$2 same (waveguid$3 fiber$1))	USPAT; US-PGPUB	2004/04/30 11:12			0
168	BRS	7	(((carrier$1 recepticl$2 substrat$2) same (apertur$1 window$1 hole$1 opening$1)) and ((apertur$1 window$1 hole$1 opening$1) near7 align$5) and (pin$1 same align$5 same ferrul$2 same (waveguid$3 fiber$1))) and ((PIN near1 photodiode$1) same VCSEL$1)	USPAT; US-PGPUB	2004/04/28 09:48			0
169	BRS	219	(film$3 near6 metal$4 near9 deposit$4 near9 (substrate$1 silicon$ si) near17 photolithog$17)	USPAT; US-PGPUB	2004/04/28 10:56			0
170	BRS	3	(film$3 near6 metal$4 near9 deposit$4 near9 (substrate$1 silicon$ si) near17 photolithog$17) same fiber$1	USPAT; US-PGPUB	2004/04/28 10:57			0
171	BRS	18	(film$3 near6 metal$4 near9 deposit$4 near9 (substrate$1 silicon$ si) near17 photolithog$17) and fiber$1	USPAT; US-PGPUB	2004/04/28 11:01			0
172	BRS	1	5536466.pn.	USPAT; US-PGPUB	2004/04/28 11:01			0
173	BRS	0	5536466.pn. and (film$3 near6 photolithog$17)	USPAT; US-PGPUB	2004/04/28 11:02			0
174	BRS	1	5536466.pn. and (photolithog$17)	USPAT; US-PGPUB	2004/04/28 11:02			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
175	BRS	1	5917976.pn. and (electr$5 conduct$4 wir$3 power current)	USPAT; US-PGPUB	2004/04/28 15:17			0
176	BRS	1	5917976.pn. and (elect$6 conduct$4 wir$3 power current circuit$2)	USPAT; US-PGPUB	2004/04/28 15:23			0
177	BRS	1	5917976.pn. and (elect$6 conduct$4 wir$3 power current circuit$2) same (si substrate$1)	USPAT; US-PGPUB	2004/04/28 15:43			0
178	BRS	1	5917976.pn. and (elect$6 conduct$4 wir$3 power current circuit$2 pad$1 si)	USPAT; US-PGPUB	2004/04/28 15:44			0
179	BRS	1	5917976.pn.	USPAT; US-PGPUB	2004/04/29 10:04			0
180	BRS	1	5917976.pn. and (ferrule$1 same (hole$1 pin$1 guid$2 fiber$1 waveguide$1 align$5 lens$2 microlen$3 laser$1 diod$2))	USPAT; US-PGPUB	2004/04/29 10:23			0
181	BRS	14	385/$.ccls. and mpo same connect$4 same alignm$4 same optic$4	USPAT; US-PGPUB	2004/04/29 10:24			0
182	BRS	1	'09/954130'	USPAT; US-PGPUB	2004/04/29 10:54			0
183	BRS	1	'09/954130' and (ferrul$2 near7 (hole$1 alignm$4))	USPAT; US-PGPUB	2004/04/29 11:00			0
184	BRS	1	5917976.pn. and (mpo near5 hole$1)	USPAT; US-PGPUB	2004/04/29 11:00			0
185	BRS	1	6641310.pn.	USPAT; US-PGPUB	2004/04/29 14:22			0
186	BRS	1	'09/954130'	USPAT; US-PGPUB	2004/04/29 15:29			0
187	BRS	77	((carrier$1 recepticl$2 substrat$2) same (apertur$1 window$1 hole$1 opening$1)) and ((apertur$1 window$1 hole$1 opening$1) near7 align$5) and (pin$1 same align$5 same ferrul$2 same (waveguid$3 fiber$1))	USPAT; US-PGPUB	2004/07/13 10:24			0
188	BRS	17	(((carrier$1 recepticl$2 substrat$2) same (apertur$1 window$1 hole$1 opening$1)) and ((apertur$1 window$1 hole$1 opening$1) near7 align$5) and (pin$1 same align$5 same ferrul$2 same (waveguid$3 fiber$1))) and (alignm$4 same mark$1)	USPAT; US-PGPUB	2004/04/30 11:17			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
189	BRS	5	(((carrier$1 recepticl$2 substrat$2) same (apertur$1 window$1 hole$1 opening$1)) and ((apertur$1 window$1 hole$1 opening$1) near7 align$5) and (pin$1 same align$5 same ferrul$2 same (waveguid$3 fiber$1))) and (carri$4 same alignm$4 same mark$1)	USPAT; US-PGPUB	2004/04/30 11:18			0
190	BRS	49	385/$.ccls. and (carri$4 same alignm$4 same mark$1)	USPAT; US-PGPUB	2004/04/30 11:22			0
191	BRS	14	(385/$.ccls. and (carri$4 same alignm$4 same mark$1)) and ferrul$3	USPAT; US-PGPUB	2004/04/30 11:18			0
192	BRS	14	385/$.ccls. and (carri$4 near7 alignm$4 near3 mark$1)	USPAT; US-PGPUB	2004/04/30 11:22			0

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	91	((carrier$1 recepticl$2 substrat$2) same (apertur$1 window$1 hole$1 opening$1)) and ((apertur$1 window$1 hole$1 opening$1) near7 align$5) and (pin$1 same align$5 same ferrul$2 same (waveguid$3 fiber$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/13 10:24
2	BRS	L2	3	("6641310" "6217231" "5917976").pn.	USPAT; US-PGPUB	2004/07/13 10:25

	Comments	Error Definition	Errors
1			0
2			0